

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	1	(10/526055).APP.	USPAT; USOCCR	ADJ	ON	2011/02/12 19:14
L8	3438	ray same intersect\$3 same reduc\$5	US-PGPUB; USPAT; USOCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 20:28
L9	1188	ray same intersect\$3 same reduc\$5 same object	US-PGPUB; USPAT; USOCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 20:28
L10	376	ray same intersect\$3 same reduc\$5 same object same (number or occurrence)	US-PGPUB; USPAT; USOCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 20:29
L11	4	ray same intersect\$3 same reduc\$5 same object same (number or occurrence) same list	US-PGPUB; USPAT; USOCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 20:40
L12	42	(prevent\$3 same again same intersect\$3 same ray) and (ray near5 (trace\$4 or cast\$4))	US-PGPUB; USPAT; USOCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 20:46
L13	13	((more near5 once) with intersect\$3) same ray	US-PGPUB; USPAT; USOCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 20:48
L14	898	intersect\$3 same object same intersect\$3 same ray same (once or again)	US-PGPUB; USPAT; USOCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 20:53

L15	60	intersect\$3 same object same intersect\$3 same ray same (once or again) same (list or record)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 20:53
L16	3568	(pass\$3 or ignor\$3 or prevent\$3 or avoid\$3 or ("not" with perform\$3)) same intersect\$4 same object same ray	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 21:03
L17	27	(pass\$3 or ignor\$3 or prevent\$3 or avoid\$3 or ("not" with perform\$3)) same intersect\$4 same object same ray same list	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 21:03
L18	13	reduc\$4 same intersect\$4 same object same ray same list	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 21:05
L19	1224	reduc\$4 same intersect\$4 same object same ray	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 21:06
L20	0	reduc\$4 same intersect\$4 same object same ray and (ray near5 (trac\$3 or cast \$3))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 21:09
L21	0	reduc\$4 same intersect\$4 same object and (ray near5 (trac\$3 or cast\$3))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 21:09
L22	817	(pass\$3 or ignor\$3 or prevent\$3 or avoid\$3 or ("not" with perform\$3)) same intersect\$4 same object same ray and (ray near5 (trac\$3 or cast\$3))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 21:10

L23	92	(pass\$3 or ignor\$3 or prevent\$3 or avoid\$3 or ("not" with perform\$3)) same intersect\$4 same object same ray same (again or occurrence) and (ray near5 (trac\$3 or cast \$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 21:10
L24	2417	second\$3 same intersect \$4 same object same ray	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 21:16
L25	544	second\$3 same intersect \$4 same object same ray and (ray near5 (trac\$3 or cast\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 21:17
L26	335	25 and @py<"2006"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 21:19
L27	21	(intersect\$4 near5 again) with ray with object	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 21:27
L28	47	(intersect\$4 near5 again) same ray same object	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 21:29
L29	26	28 not 27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 21:29
L30	1	10/589794 and (acceleration same triangle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03

L31	1	10/589794	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L32	3	(Woop-Sven).in. or (Philip-Slussallek).in. or (Schmittler-Jorg).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L33	7	("5933146"   "6302541"   "6597359").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L34	61	(ray?trac\$3) with accelerat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L35	99	(ray?trac\$3) same accelerat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L36	4	(ray?trac\$3) same (uniform grid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L37	11	(ray?trac\$3) same (kd)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L38	10	(ray?trac\$3) same (kd tree)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03

L39	6	(ray?trac\$3) same (octree)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L40	0	L39 and overlap	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L41	890	processor same (linear near2 equation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L42	11	processor same (linear near2 equation) same ray	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L43	4	processor same (linear near2 equation) and (ray near2 trac\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L44	92	(z near2 buffer) same (ray near trac\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L45	169	ray near2 trac\$3 and 345/420.cccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L46	18	incident same ray and L45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03

L47	18	transform\$3 same ray and 345/440.ccls.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L48	9	L44 and 345/422.ccls.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L49	349	acceleration same (ray with trac\$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L50	95	L49 same tree	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L51	14711	intersect\$3 same (once or one or single) same ray	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L52	404	L51 and (ray?trac\$3 or ray?cast\$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L53	220	(only near5 once) with intersec\$3	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L54	17	L53 and (ray?trac\$3 or ray?cast\$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L55	5	("2007/0182732").URPN.	USPAT	ADJ	ON	2011/02/12 22:03

L56	3563	(only near5 (single or one or once)) with intersec\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L57	44	L56 and (ray?trac\$3 or ray?cast\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L58	9259	(only near5 (single or one or once)) with intersec\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L59	85	L58 and (ray?trac\$3 or ray?cast\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L60	19	"7184042"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L61	35	"7227547"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L62	18	("20030160776"   "20040125103"   "20050264565"   "5933146"   "6028606"   "6300965"   "6529193"   "6587110"   "6597359"   "6762756"   "6825839"   "7002571"   "7042448"   "7164420").PN_OR ("7495664").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/02/12 22:03
L63	11	L62 and sav\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/02/12 22:03
L64	18	L62 and reduc\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/02/12 22:03
L65	2971	object hierarchy	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/02/12 22:03

L66	23	L65 and (ray?trac\$3 or ray?cast\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L67	1731	ray near5 object near5 intersect\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L68	164	L67 and (ray?trac\$3 or ray?cast\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L69	531	ray near5 object near5 intersection	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L70	125	L69 and (ray?trac\$3 or ray?cast\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L71	1709	(matrix or matrice) same affine	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/02/12 22:03
L72	17	L71 and (ray?trac\$3 or ray?cast\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L73	111	list same object same intersect\$3 same ray	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:03
L74	2	"20040233222".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/12 22:04

**EAST Search History (Interference)**

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2/12/2011 10:21:33 PM

C:\Documents and Settings\phoang1\My Documents\EAST\Workspaces\10589794 - DEVICE  
FOR THE PHOTOREALISTIC REPRESENTATION OF DYNAMIC, COMPLEX, THREE-DIMENSIONAL  
SCENES BY MEANS OF RAY TRACING.wsp